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Substitute for form 1449/PTO
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**

Date Submitted: June 8, 2009

(use as many sheets as necessary)

Complete if Known

Application Number	10/671,346
Filing Date	9/24/2003
First Named Inventor	Mohammad BORRAN
Art Unit	2611
Examiner Name	Kevin Michael Burd
Attorney Docket Number	088245-0108

Sheet 1 of 2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-5,828,695	10-27-1998	Webb, William T.	
		US-6,226,334	05-01-2001	Olafsson, Sverrir	
		US-6,654,431	11-25-2003	Barton et al.	
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		US-7,016,296	03-21-2006	Hartman, Jr.	
		US-7,076,000	07-11-2006	Rodriguez, Michael J.	
		US-7,149,239	12-12-2006	Hudson, John E.	
		US-7,173,973	02-06-2007	Borran et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP 1324558	07-02-2003	Sony International (Europe) GmbH		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
		International Preliminary Examination Report for PCT/IB03/02088, completed March 21, 2004.	
		International Search Report for PCT/IB03/02088 mailed, October 23, 2003.	
		LEXA, M., "Useful Facts About the Kullback-Leibler Discrimination Distance," URL: http://www.ece.rice.edu/alex/publications/k1_properties.pdf , June 9, 2005, 11 pgs.	

Examiner Signature	/Kevin M Burd/	Date Considered	08/11/2009
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		SOON-GHEE CHUA et al: "Variable-rate variable-power MQAM for fading channels" Vehicular Technology Conference, 1996. Mobile Technology for the Human Race., IEEE 48th Atlanta, GA, USA 28 April -1 May 1996, New York, NY, USA, IEEE, US, 2:815-819, 28 April 1996 (1996-04-28), XP010162502. ISBN: 0-7803-3157-5.	
		Supplementary European Search Report for EP 03 73 5862, dated 6/9/2005.	
		Tarokh et al. "Space-Time Codes for High Data Rate Wireless Communication: Performance Criterion and Code Construction." Information Theory, IEEE Transactions, 44(2)744-765, Mar 1998	
		Supplementary European Search Report for EP 04 75 5820, dated February 16, 2009	
		AAZHANG B et al, "On Design Criteria and Construction of Noncoherent Space Time Constellations", IEEE Transactions on Information Theory, US, 49(10):2332-2351, October 1, 2003.	
		International Search Report and Written Opinion for PCT/US2004/19909, mailed December 14, 2005.	
		International Preliminary Report on Patentability for PCT/US2004/019909, issued January 3, 2006.	
		Office Action from Chinese Patent Office for related Chinese Application Number, 200480017820.6, dated October 31, 2008.	
		Office Action from Chinese Patent Office for related Chinese Application Number 200480022380.3, dated March 6, 2009.	

Examiner Signature	/Kevin M Burd/	Date Considered	08/11/2009
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